



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Simplex Nails, Inc.
1089 Buford Highway
Sugar Hill, GA 30518

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Simplex MAXX Cap Fastener

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 5.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 13-0820.09
Expiration Date: 02/06/19
Approval Date: 02/06/14
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category Roofing Fasteners
Material: Steel

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Simplex MAXX Cap Fastener	3" head x 1" long with a 0.099" shank diameter	TAS 114 TAS 117	Polymer injection-molded, perforated, 3-inch diameter stress plate fitted with two integral ring-shank nails, available in ceramic coating electro-galvanized and stainless steel.

MANUFACTURING LOCATION:

1. Americus, GA

EVIDENCE SUBMITTED

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Trinity ERD	TAS 117(A) & (B)	S46080.12.13	12/19/13
Hurricane Engineering & Testing Inc.	TAS 114(E)	HETI-13-S309	11/20/13



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TYPICAL PHYSICAL PROPERTIES

Note: A 2 to 1 margin of safety has been applied to test results producing the design values noted herein.

Withdrawal Resistance Performance – TAS 117(A) – Static Load		
<u>Fastener</u>	<u>Deck Type</u>	<u>Static Withdrawal Resistance (lbf)</u>
Simplex MAXX Cap Fastener	19/32" Plywood	134.9
	Nominal 1" Southern Yellow Pine (SYP)	123.5

Withdrawal Resistance Performance – TAS 117(A) – Pulsating Load		
<u>Fastener</u>	<u>Deck Type</u>	<u>Pulsating Withdrawal Resistance (lbf)</u>
Simplex MAXX Cap Fastener	19/32" Plywood	95.0
	Nominal 1" Southern Yellow Pine (SYP)	81.5

Base Sheet Rupture Performance – TAS 117(B)			
Simplex MAXX Cap Fastener			
<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Top Layer</u>	<u>Rupture Value (lbf)</u>
CertainTeed Corporation	Glasbase Base Sheet	Asphalt-applied	112.5
	Glasbase Base Sheet	Torched SBS	66.5
	Glasbase Base Sheet	Torched APP	132.5
	Yosemite Venting Base Sheet	Asphalt-applied	127.0
	Yosemite Venting Base Sheet	Torched SBS	75.0
	All Weather / Empire Base Sheet	Asphalt-applied	128.5
	All Weather / Empire Base Sheet	Torched SBS	78.0
	Flintlastic Base 20	Asphalt-applied	141.0
	Flintlastic Base 20	Torched SBS	78.5
	Flintlastic Poly SMS Base	Asphalt-applied	233.5
	Flintlastic Poly SMS Base	Torched SBS	151.0
	Flintlastic APP Base T	Torched APP	71.0
Derbigum Americas, Inc.	Derbibase	Torched APP	106.0
Firestone Building Products Company	MB Base	Asphalt-applied	99.0
	MB Base	Torched SBS	86.5
	MB Base	Torched APP	69.5
	SBS Base	Asphalt-applied	72.5
	SBS Base	Torched SBS	123.5
	SBS Poly Base	Asphalt-applied	204.5
	SBS Poly Base	Torched SBS	158.0

Base Sheet Rupture Performance – TAS 117(B)			
Simplex MAXX Cap Fastener			
<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Top Layer</u>	<u>Rupture Value (lbf)</u>
GAF	GAFLAS #75 Base Sheet	Asphalt-applied	92.0
	GAFLAS #75 Base Sheet	Torched SBS	87.5
	GAFLAS #75 Base Sheet	Torched APP	102.0
	GAFLAS 80 Ultima Base Sheet	Asphalt-applied	94.5
	GAFLAS Stratavent Eliminator Nailable Venting Base Sheet	Asphalt-applied	101.5
	GAFLAS Ply 4	Asphalt-applied	104.0
	GAFLAS Flex Ply 6	Torched SBS	96.5
	GAFLAS Flex Ply 6	Asphalt-applied	101.5
	GAFLAS Flex Ply 6	Torched SBS	107.5
The Garland Company	HPR Glasbase	Asphalt-applied	83.5
	HPR Premium Glasbase	Asphalt-applied	71.5
	HPR Tribase Premium	Asphalt-applied	222.5
Johns Manville Corporation	PermaPly 28	Asphalt-applied	84.0
	Ventsulation	Asphalt-applied	98.5
	GlasPly Premier	Asphalt-applied	84.5
	DynaBase	Asphalt-applied	87.0
	GlasBase Plus	Asphalt-applied	47.5
	JM APP Base Sheet	Torched APP	88.5
Polyglass USA, Inc.	Polyglass G2 Base	Asphalt-applied	89.5
	Elastobase (sanded top)	Asphalt-applied	141.5
	Elastobase (sanded top)	Torched SBS	134.0
	Elastobase (poly top)	Torched SBS	134.0
	Elastobase (poly top)	Torched APP	136.5
	Polyglass APP Base	Torched APP	82.5
Siplast, Inc.	Parabase	Asphalt-applied	95.0
	Parabase Plus	Asphalt-applied	74.0
Soprema, Inc.	Sopra-G	Asphalt-applied	92.5
	Modified Sopra-G	Asphalt-applied	84.5
	Soprabase S	Asphalt-applied	193.0
	Soprema Venting Base Sheet	Asphalt-applied	78.0
	Soprabase TG	Torched SBS	118.0
Tamko Building Products	Glass-Base	Asphalt-applied	78.5
	Vapor-Chan	Asphalt-applied	69.0
US Ply, Inc.	USP Base	Asphalt-applied	74.5
	USP NVB	Asphalt-applied	87.5
	DuraFlex 60 SBS Base	Asphalt-applied	105.0
	DuraFlex SBS Polybase	Asphalt-applied	212.5
	PrimeSource Base (aka All Weather Base)	Asphalt-applied	72.0

APPROVED APPLICATIONS:

Tradename:	Simplex MAXX Cap Fastener
Compatible Plate(s):	N/A
Insulation Types:	N/A
Application:	Mechanical attachment of roof underlayments, base sheets, anchor sheets and membranes to wood decks. See specific Roof Assembly, Product Control Approval (NOA) for Approved attachment patterns.
Deck Options:	19/32" Plywood or Nominal 1" Southern Yellow Pine (SYP)

GENERAL LIMITATIONS:

1. Simplex Nails, Inc., fastener is a component part of a Miami-Dade Approved Roof Assembly. This product is approved for use only with those roof assemblies listing the product as an approved component. Refer to an approved Roof Assemblies Notices of Acceptance for use, density and attachment patterns.
2. Fastener shall be installed in strict compliance with manufacturer's installation instructions.
3. Care shall be taken not to puncture or tear the base sheet or insulation facer during fastener installation. Application recommendations are noted in Roofing Application Standard RAS 117.
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.
5. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

